

REMARKS/ARGUMENTS

Pending claims 2-5, 11-12 and 15-16 were rejected under 35 U.S.C. § 102(b) over U.S. patent number 4,733,197 (Chow). Applicant respectfully traverses this rejection.

Dependent claims 2-5 depend from new independent claim 17. New claim 17 is patentable over Chow, as Chow nowhere discloses obtaining a high frequency clock signal with a predetermined duty cycle and generating a low frequency clock signal from the high frequency clock signal at a changed duty cycle. Instead, as conceded in the Office Action, signals 12 and 53 of Chow have the same frequency. Final Office Action, p. 3. Furthermore, Chow nowhere discloses that a low frequency clock signal is generated from the high frequency clock signal at a changed duty cycle. Instead, the clock output 29 is nowhere indicated to have a changed duty cycle from the output of oscillator 15. Accordingly, for at least this reason, claim 17 and claims 2-5 and 18 depending therefrom are patentable over Chow.


Amended claim 11 is patentable over Chow, as nowhere does Chow disclose a controller coupled to receive an output of a counter (which in turn is coupled to a high frequency clock/oscillator) to generate a low frequency clock with an asymmetrical duty cycle. In this regard, the Office Action contends that the counter is met by counter 47, and the controller is met by D-type flip-flop 51. However, flip-flop 51 does not receive the output of counter 47. Nor does flip-flop 51 generate a low frequency clock with an asymmetrical duty cycle. In this regard, the output of first clock 51 is merely a control signal 53. Nowhere is it indicated that this signal is at a low frequency with respect to a high frequency clock oscillator. Accordingly, claims 11-16 are patentable over Chow.

New claims 20-24 are patentable over the cited art. With regard to Chow, nowhere does Chow disclose a controller that generates a clock signal having a transition initiated when the value of a counter is at a predetermined value.

The application is believed to be in condition for allowance and the Examiner's prompt action in accordance therewith is respectfully requested. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,

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